



US Army Corps
of Engineers
Jacksonville District

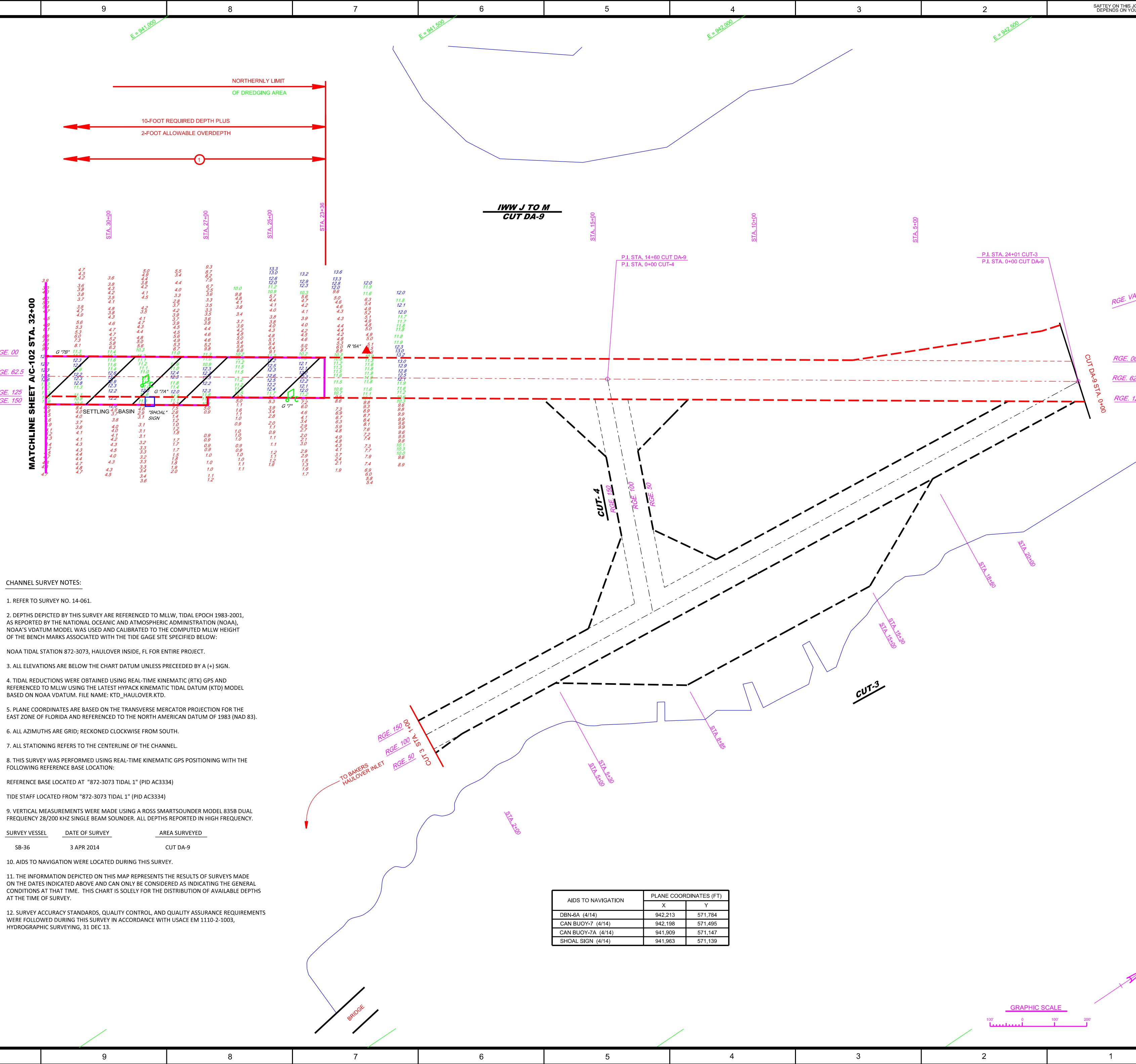
NO.	SYM.	ZONE	DESCRIPTION

DESIGNED BY:	DATE:
DWN BY:	APR 2014
CHK BY:	CONTRACT NO.:
SUBMITTED BY:	CONTRACT NO.:

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS JACKSONVILLE DISTRICT JACKSONVILLE, FLORIDA
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INTRACOASTAL WATERWAY JACKSONVILLE TO MIAMI, FLORIDA
**10-FOOT PROJECT
VICINITY OF BAKERS HAULOVER INLET**
**14-FOOT PROJECT
VICINITY OF JUPITER INLET**

CIVIL
AFTER DREDGE SURVEY
A/C-101
DRAWING NO.

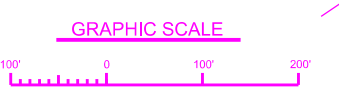


- CHANNEL SURVEY NOTES:**
- REFER TO SURVEY NO. 14-061.
 - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE COMPUTED MLLW HEIGHT OF THE BENCH MARKS ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

NOAA TIDAL STATION 872-3073, HAULOVER INSIDE, FL FOR ENTIRE PROJECT.
 - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
 - TIDAL REDUCTIONS WERE OBTAINED USING REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW USING THE LATEST HYPACK KINEMATIC TIDAL DATUM (KTD) MODEL BASED ON NOAA VDATUM. FILE NAME: KTD_HAULOVER.KTD.
 - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
 - ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
 - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
 - THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

REFERENCE BASE LOCATED AT "872-3073 TIDAL 1" (PID AC3334)
TIDE STAFF LOCATED FROM "872-3073 TIDAL 1" (PID AC3334)
 - VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER MODEL 835B DUAL FREQUENCY 28/200 KHZ SINGLE BEAM SOUNDER. ALL DEPTHS REPORTED IN HIGH FREQUENCY.
- | SURVEY VESSEL | DATE OF SURVEY | AREA SURVEYED |
|---------------|----------------|---------------|
| SB-36 | 3 APR 2014 | CUT DA-9 |
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
 - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF SURVEY.
 - SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 31 DEC 13.

AIDS TO NAVIGATION	PLANE COORDINATES (FT)	
	X	Y
DBN-6A (4/14)	942,213	571,784
CAN BUOY-7 (4/14)	942,198	571,495
CAN BUOY-7A (4/14)	941,909	571,147
SHOAL SIGN (4/14)	941,963	571,139



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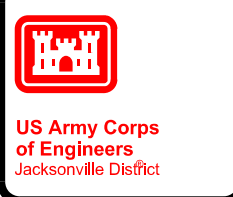
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NO.	SYM.	ZONE	DESCRIPTION

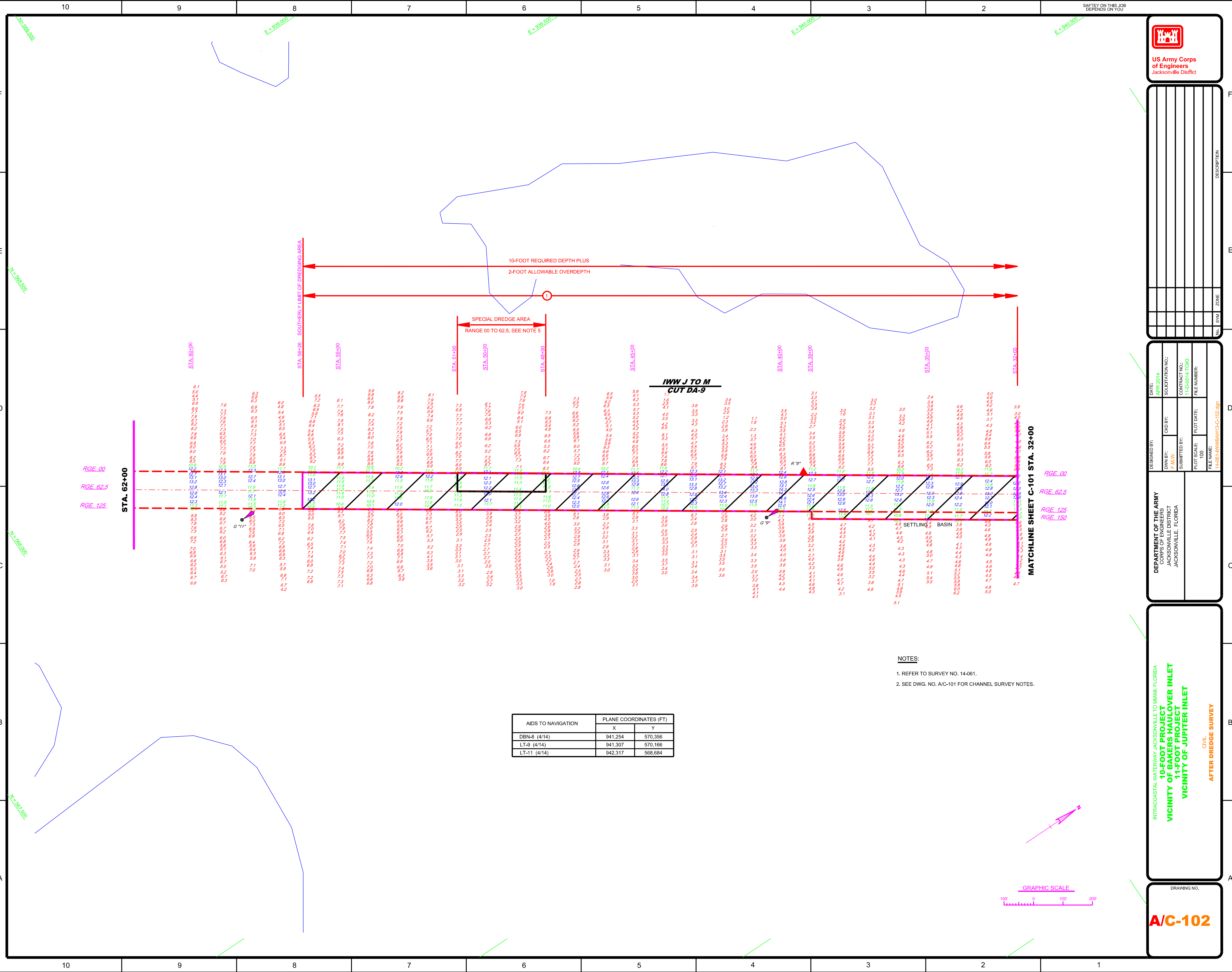
DESIGNED BY:	DATE:	SOLICITATION NO.:
DWN BY:	APR 2014	14-0010410B3
CHK BY:		
CONTRACT NO.:		
14-0010410B3		
FILE NUMBER:		
PLOT DATE:		
100		
FILE NAME:		
14-0010410B3-102.dwg		

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
JACKSONVILLE, FLORIDA

INTRACOASTAL WATERWAY JACKSONVILLE TO MIAMI, FLORIDA
10-FOOT PROJECT
VICINITY OF BAKERS HAULOVER INLET
14-FOOT PROJECT
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CIVIL
AFTER DREDGE SURVEY

DRAWING NO.
A/C-102



AIDS TO NAVIGATION	PLANE COORDINATES (FT)	
	X	Y
DBN-8 (4/14)	941,254	570,356
LT-9 (4/14)	941,307	570,166
LT-11 (4/14)	942,317	568,684

- NOTES:**
- REFER TO SURVEY NO. 14-061.
 - SEE DWG. NO. A/C-101 FOR CHANNEL SURVEY NOTES.

